NEW MODEL INFORMATION

DENON

Analog Turntable

# DP-500M

* Cartridge not included

■ **Direct Drive with Encoder and High-Torque Motor**
The DP-500M uses a quartz lock servo that controls platter rotation via intervals of optical pulses passing through a slit. This control system ensures accurate rotation with no deviation from the center. The development of a high-torque motor (4.5 kg•cm) has boosted start-up speed to 0.3 second, providing quick operation and stable rotation.

■ **Large 13 inch Turntable with Minimized Howling**
Silicon rubber, a deadening material, has been applied over the entire reverse side of the large diecast aluminum platter to minimize howling. Hologram vibration analysis was used to improve the ability of the supplied platter sheet to "hold" the record. A slight cone-shaped taper has even been applied to the sheet.

■ **RCA Pin-type Output**
RCA pin-type output has been used for the DP-500M, providing greater flexibility when changing RCA cables to match sound quality or cartridge impedance.

■ **Strong, Compact Cabinet Made of MDF (Medium Density Fiberbord)**
The cabinet has been constructed in a compact size despite the large plattter size to improve rigidity and minimize howling. The MDF material offers performance close to natural wood, while also imparting a soft finish and elegant appearance.

■ **Sensitive Tonearm of High-end Quality**
The DP-500M's tonearm has been designed for optimum sound quality through the use of diecast parts throughout to boost rigidity and carefully placed deadening material to minimize vibration. This universal-type tonearm accommodates a wide variety of cartridges.

■ **Large insulator eliminates external vibration.**

■ **Includes aluminum diecast headshell. (Cartridge not included.)**

**Specifications**

■ **Phono Motor Section**
Drive system: Quarts lock servo control direct drive system
Speed: 33-1/3, 45 rpm
Speed deviation: 0.002% or less
Wow & flutter: 0.1% or less (wrms)
Rotation stability time: 0.3 sec. or less to reach normal speed
Turntable platter: Aluminum Diecast, 331 mm
(treated with silicon rubber on reverse side to absorb vibration)
Load characteristics: 0% (under stylus pressure 80 g)

■ **Tonearm Section**
Type: Static balance type, light weight S-shaped tonearm
Effective length: 230 mm, 9.06 inch
Overhang: 15 mm, 0.6 inch
Tracking error: Within 3°
Stylus pressure range: 0 - 4.0 g (0.25 g increments)
Acceptable weight of cartridge: 5.0 - 11.0 g (incl. screws and nuts)
(* The weight of accessorius headshell is 9.0 g.)

■ **General**
Power Supply: AC120V, 60 Hz
Power Consumption: 10W
Dimensions: 450 (W) x 170 (H) x 370 (D) mm (incl. feet),
17.7 (W) x 6.7 (H) x 14.6 (D) inch
Weight: 10.1 kg, 22.2 lbs.
Accessories: Headshell, Counter Weight, Hinges, RCA cable, EP adapter

**DENON ELECTRONICS (USA), INC.**
19 CHAPIN ROAD, P.O. BOX 867, PINE BROOK, NJ 07058-9777 USA
TEL: 973-396-0810 www.usa.denon.com

**DENON CANADA INC.**
505 APPLE CREEK BLVD. UNIT 5 MARKHAM, ONTARIO L3R 5B1 CANADA
TEL: 905-475-4085 www.denon.ca

**DENON, LTD.**
3-16-11 YUSHIMA, BUNKYO-KU, TOKYO 113-0034 JAPAN

13220703 A